

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR 03/00423-0

CLASSIFICATION OF SUBJECT MATTER		
IPC ⁷ : A01N 25/02, 25/08, C02F 1/50, 1/76		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols)		
IPC ⁷ : A01N, C02F		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
EPODOC		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0427418 A1 (NALCO CHEMICAL COMPANY) 15 May 1991 (15.05.91) <i>claims.</i>	1,3-11,14-23
X	EP 0403465 A1 (THE UNIVERSITY OF HOUSTON) 19 December 1990 (19.12.90) <i>claims.</i>	1,3-6,8-11, 14-23
X	US 5688515 A (KUECHLER et al.) 18 November 1997 (18.11.97) <i>claims.</i>	1,4,6,8-11, 14-23
X	WO 2000 64819 A1 (ALBEMARLE CORPORATION) 2 November 2000 (02.11.00) <i>claims.</i>	1,3-6,8-11, 14-23
X	US 6303038 B1 (SANDERS et al.) 16 October 2001 (16.10.01) <i>claims.</i>	1,4-6,8-11, 14-23
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
<p>* Special categories of cited documents:</p> <p>„A“ document defining the general state of the art which is not considered to be of particular relevance</p> <p>„E“ earlier application or patent but published on or after the international filing date</p> <p>„L“ document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>„O“ document referring to an oral disclosure, use, exhibition or other means</p> <p>„P“ document published prior to the international filing date but later than the priority date claimed</p> <p>„T“ later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>„X“ document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>„Y“ document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>„&“ document member of the same patent family</p>		
Date of the actual completion of the international search		Date of mailing of the international search report
21 May 2003 (21.05.2003)		2 July 2003 (02.07.2003)
Name and mailing address of the ISA/AT		Authorized officer
Austrian Patent Office Dresdner Straße 87, A-1200 Vienna Facsimile No. 1/53424/535		KRENN M.
		Telephone No. 1/53424/435

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No.

PCT/KR 98/00423-0

Patent document cited in search report			Publication date	Patent family member(s)		Publication date
EP	A2	3465	08-08-1979	DE	C0 2964240	20-01-1983
EP	A3	3465	05-09-1979	FR	A1 2415713	24-08-1979
EP	B1	3465	15-12-1982	FR	B1 2415713	11-09-1981
EP	A1	427418	15-05-1991	AT	E 87597	15-04-1993
EP	B1	427418	31-03-1993	DE	C0 69001235	06-05-1993
				DE	T2 69001235	14-10-1993
				ES	T3 2055341	16-08-1994
				US	A 4992209	12-02-1991
US	A	5688515	18-11-1997	AT	E 92012	15-08-1993
				AU	A1 59248/90	08-01-1991
				AU	B2 640153	19-08-1993
				CA	C 2056379	09-01-2001
				DE	C0 69002442	02-09-1993
				DE	T2 69002442	13-07-1995
				DK	T3 429631	30-08-1993
				EP	A1 403465	19-12-1990
				EP	A1 429631	05-06-1991
				EP	B1 429631	28-07-1993
				EP	B1 403465	05-01-1994
				ES	T3 2044603	01-01-1994
				IL	A0 94743	15-04-1991
				IL	A1 94743	19-01-1996
				MX	B 173274	14-02-1994
				WO	A1 9015780	27-12-1990
				US	A 5464636	07-11-1995
				US	A 5476670	19-12-1995
				US	A 5527547	18-06-1996
				US	A 5662940	02-09-1997
				AU	A1 24796/92	05-04-1993
				IL	A0 102975	31-01-1993
				MX	A1 9204952	06-05-1993
				WO	A1 9304987	18-03-1993
US	BA	6303038	16-10-2001		none	
WO	A1	00064819	02-11-2000	US	A 6110387	29-08-2000